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Practitioner's Docket No. 2003-IP-010039U1

PATENT



### , IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	Inventor(s)
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	Title of invention
	OR
e application of: Philip D. Ng	uyen
plication No.: 010 /634,705 ed: 08/05/03 r: Compositions and Methods on Particulates	Group Art Unit: Examiner: for Controlling the Release of Chemicals
). Box 1450 exandria, VA 22313-1450	•
BEFORE MAILING OF FIRS	E MONTHS OF FILING OR T OFFICE ACTION (37 C.F.R. § 1.97(b))
BEFORE MAILING OF FIRS  CERTIFICATION UNE (When using Express Mail, the Express Mail)	T OFFICE ACTION (37 C.F.R. § 1.97(b))  DER 37 C.F.R. §§ 1.8(a) and 1.10°  DER 27 C.F.R. §§ 1.8(a) and 1.10°  DER 27 C.F.R. §§ 1.8(a) and 1.10°  DER 27 C.F.R. § 1.97(b))
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DEFORE MAILING OF FIRS  CERTIFICATION UNE (When using Express Mail, th Express Ma reby certify that, on the date shown below, the deposited with the United States Postal Services 1450, Alexandria, VA 22313-1450 37 C.F.R. § 1.8(a)	T OFFICE ACTION (37 C.F.R. § 1.97(b))  DER 37 C.F.R. §§ 1.8(a) and 1.10°  the Express Mail label number is mandatory; all certification is optional.)  this correspondence is being:  MAILING
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CERTIFICATION UNE  (When using Express Mail, th  Express Ma  reby certify that, on the date shown below, the  deposited with the United States Postal Services 1450, Alexandria, VA 22313-1450  37 C.F.R. § 1.8(a)  with sufficient postage as first class mail.	T OFFICE ACTION (37 C.F.R. § 1.97(b))  DER 37 C.F.R. §§ 1.8(a) and 1.10°  DER 37 C.F.R. §§ 1.8(a) and 1.10°  DER 37 C.F.R. §§ 1.8(a) and 1.10°  This correspondence is being:  MAILING  Idea in an envelope addressed to Commissioner for Patents, P.O.  37 C.F.R. § 1.10°  DES "Express Mail Post Office to Addressee"  Mailing Label No
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CERTIFICATION UNE (When using Express Mail, th Express Ma reby certify that, on the date shown below, th deposited with the United States Postal Servi Box 1450, Alexandria, VA 22313-1450 37 C.F.R. § 1.8(a) with sufficient postage as first class mail.	T OFFICE ACTION (37 C.F.R. § 1.97(b))  DER 37 C.F.R. §§ 1.8(a) and 1.10°  DER 37 C.F.R. §§ 1.8(a) and 1.10°  DER 37 C.F.R. §§ 1.8(a) and 1.10°  This correspondence is being:  MAILING  Idea in an envelope addressed to Commissioner for Patents, P.O.  37 C.F.R. § 1.10°  DES "Express Mail Post Office to Addressee"  Mailing Label No

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action [6-3]—page 1 of 3)

NOTE: 37 C.F.R. 1.98(b):

- (1) Each U.S. patent listed in an information disclosure statement must be identified by inventor, patent number, and issue date.
- (2) Each U.S. patent application publication listed in an information disclosure statement shall be identified by applicant, patent application publication number, and publication date.
- (3) Each U.S. application listed in an information disclosure statement must be identified by the inventor, application number, and filing date.
- (4) Each foreign patent or published foreign patent application listed in an information disclosure statement must be identified by the country or patent office which issued the patent or published the application, an appropriate document number, and the publication date indicated on the patent or published application.
- (5) Each publication listed in an information disclosure statement must be identified by publisher, author (if any), title, relevant pages of the publication, date, and place of publication.

WARNING: No extension of time can be had under 37 C.F.R. § 1.138 (a) or (b) for filing an IDS. 37 C.F.R. § 1.97(f).

NOTE: The "filing date of a national application" under 37 C.F.R. § 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark Office, the filing is defined in 37 C.F.R. § 1.53(b) as "the date on which: (1) A specification containing a description pursuant to § 1.71 and at least one claim pursuant to § 1.75; and (2) any drawing required by § 1.81(a), are filed in the Patent and Trademark Office in the name of the actual inventor or inventors as required by § 1.41." 37 C.F.R. § 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. § 371(c) within the periods set forth in § 1.494 or § 1.495. 35 U.S.C. § 371(c) requires the filing of the following: (1) the basic national fee; (2) a copy of the international application, unless already sent by the international Bureau, and optionally an English translation if filed in another language; and, also optionally (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the international preliminary examination report, if such annexes were made in another language. The optional items must be submitted later, with surcharges. 37 C.F.R. § 1.97(b)(2).

## IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

- NOTE: "No certification or fee is due when the filing is made within the above time period. It is advisable to ensure that no Office action has been mailed if the disclosure statement is delayed until after three months from filing."
- NOTE: "An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a property executed certificate of mailing under 37 C.F.R. 1.8, or Express Mail certificate under 37 C.F.R. 1.10. An Office action is mailed on the date indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39). See also § 609, M.P.E.P., 8th Edition.
- NOTE: "The term 'national application' includes continuing applications (continuations, divisions, continuations-in-part) so three-months will be measured from the actual filing date of an application as opposed [sic] to the effective date of a continuing application." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action [6-3]—page 2 of 3) NOTE: "An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirements (37 C.F.R. 1.142) or just a requirement for additional fees to have a claim considered (37 C.F.R. 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

WARNING: "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. § 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63). But see § 103(b) and (c), limited suspension of action in a continued prosecution application (CPA) filed under § 1.53(d) and in a request for continued examination (RCE) under § 1.114.

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(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action [6-3]—page 3 of 3)

#### PATENT 2003-IP-010039U1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Philip D. Nguyen

Serial No.: 10/634,705

Filed: 08/05/2003

For: Compositions and Methods
For Controlling the
Release of Chemicals
Placed on Particulates

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS Alexandria, VA 22313-1450

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

#### U. S. PATENTS

- U.S. Patent Number 2,238,671 issued 04/15/41 to John C. Woodhouse;
- U.S. Patent Number 2,703,316 issued 03/01/55 to Bentley J. Palmer;
- U.S. Patent Number 3,272,650 issued 09/13/66 to Russell L. MacVittie;
- U.S. Patent Number 3,784,585 issued 01/08/74 to Edward Emil Schmitt, et al;
- U.S. Patent Number 3,819,525 issued 06/25/74 to David L. Hattenbrun;
- U.S. Patent Number 3,828,854 issued 08/13/74 to Charles C. Templeton, et al;
- U.S. Patent Number 3,868,998 issued 03/04/75 to James H. Lybarger, et al;
- U.S. Patent Number 3,912,692 issued 10/14/75 to Donald James Casey, et al;

- U.S. Patent Number 3,948,672 issued 04/06/76 to Bobby G. Harnsberger;
- U.S. Patent Number 3,955,993 issued 05/11/76 to Beverly A. Curtice, et al;
- U.S. Patent Number 3,960,736 issued 06/01/76 to Dustin L. Free, et al;
- U.S. Patent Number 4,169,798 issued 10/02/79 to Ronald N. DeMartino;
- U.S. Patent Number 4,172,066 issued 10/23/79 to Maurice L. Zweigle, et al;
- U.S. Patent Number 4,387,769 issued 06/14/83 to Steven R. Erbstoesser, et al;
- U.S. Patent Number 4,460,052 issued 07/17/84 to Judith Gockel;
- U.S. Patent Number 4,470,915 issued 09/11/84 to Michael W. Conway;
- U.S. Patent Number 4,498,995 issued 02/12/85 to Judith Gockel;
- U.S. Patent Number 4,526,695 issued 02/02/85 to Steven R. Erbstoesser, et al;
- U.S. Patent Number 4,694,905 issued 09/22/87 to David R. Armbruster;
- U.S. Patent Number 4,715,967 issued 12/29/87 to Harold E. Bellis, et al;
- U.S. Patent Number 4,716,964 issued 01/05/88 to Steven R. Erbstoesser, et al;
- U.S. Patent Number 4,785,884 issued 11/22/88 to David R. Armbruster;
- U.S. Patent Number 4,797,262 issued 01/10/89 to Thomas S. Dewitz;
- U.S. Patent Number 4,809,783 issued 03/07/89 to Keith H. Hollenbeck, et al;
- U.S. Patent Number 4,843,118 issued 06/27/89 to Ta-Wang Lai, et al;
- U.S. Patent Number 4,848,467 issued 07/18/89 to Lisa A. Cantu, et al;
- U.S. Patent Number 4,886,354 issued 12/12/89 to Gary E. Welch, et al;
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- U.S. Patent Number 5,082,056 issued 01/21/92 to James E. Tackett, Jr.:
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- U.S. Patent Number 5,330,005 issued 07/19/94 to Roger J. Card, et al;
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- U.S. Patent Number 5,460,226 issued 10/24/95 to Jimmie B. Lawson, et al;
- U.S. Patent Number 5,464,060 issued 11/07/95 to Arthur H. Hale, et al;
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- U.S. Patent Number 5,499,678 issued 03/19/96 to Jim B. Surjaatmadja, et al;
- U.S. Patent Number 5,505,787 issued 04/09/96 to Kyouichi Yamaguchi;

- U.S. Patent Number 5,512,071 issued 04/30/96 to Benny S. Yam, et al;
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- U.S. Patent Number 5,765,642 issued 06/16/98 to Jim B. Surjaatmadja;
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- U.S. Patent Number 5,833,000 issued 11/10/98 to Jim D. Weaver, et al;
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- U.S. Patent Number 5,908,073 issued 06/01/99 to Philip D. Nguyen, et al;
- U.S. Patent Number 5,924,488 issued 07/20/99 to Philip D. Nguyen, et al;
- U.S. Patent Number 6,004,400 issued 12/21/99 to Phillip W. Bishop, et al;
- U.S. Patent Number 6,024,170 issued 02/15/00 to Michael A. McCabe, et al;
- U.S. Patent Number 6,028,113 issued 02/22/00 to William H. Scepanski;
- U.S. Patent Number 6,047,772 issued 04/11/00 to Jim D. Weaver, et al;
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- U.S. Patent Number 6,135,987 issued 10/24/00 to Fu-Jya Daniel Tsai, et al;
- U.S. Patent Number 6,162,766 issued 12/19/00 to David J. Muir, et al;
- U.S. Patent Number 6,169,058 B1 issued 01/02/01 to Hoang V. Le, et al;
- U.S. Patent Number 6,172,011 B1 issued 01/09/01 to Roger J. Card, et al;
- U.S. Patent Number 6,189,615 B1 issued 02/20/01 to Robert D. Sydansk;

- U.S. Patent Number 6,202,751 B1 issued 03/20/01 to Jiten Chatterji, et al;
- U.S. Patent Number 6,209,646 B1 issued 04/03/01 to Baireddy R. Reddy, et al;
- U.S. Patent Number 6,214,773 B1 issued 04/10/01 to Phillip C. Harris, et al;
- U.S. Patent Number 6,242,390 B1 issued 06/05/01 to Thomas O. Mitchell, et al;
- U.S. Patent Number 6,260,622 B1 issued 07/17/01 to Reinoud Hendrik Jurgen Blok, et al;
- U.S. Patent Number 6,311,773 B1 issued 11/06/01 to Bradley L. Todd, et al;
- U.S. Patent Number 6,323,307 B1 issued 11/27/01 to Donald M. Bigg, et al;
- U.S. Patent Number 6,357,527 B1 issued 03/19/02 to Lewis R. Norman, et al;
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- U.S. Patent Number 6,454,003 B1 issued 09/24/02 to Kin-Tai Chang, et al;
- U.S. Patent Number 6,485,947 B1 issued 11/26/02 to Vineet Rajgarhia, et al;
- U.S. Patent Number 6,488,763 B2 issued 12/03/02 to Lance E. Brothers, et al;
- U.S. Patent Number 6,494,263 B2 issued 12/17/02 to Bradley L. Todd;
- U.S. Patent Number 6,508,305 B1 issued 01/21/03 to Harold D. Brannon, et al;
- U.S. Patent Number 6,554,071 B1 issued 04/29/03 to Baireddy R. Reddy, et al;
- U.S. Patent Number 6,569,814 B1 issued 05/27/03 to Mark E. Brady, et al;
- U.S. Patent Number 6,667,279 B1 issued 12/23/03 to James E. Hessert, et al;

- U.S. Patent Number 6,669,771 B2 issued 12/30/03 to Yutaka Tokiwa, et al;
- U.S. Patent Number 6,681,856 B1 issued 01/27/04 to Jiten Chatterji, et al;
- U.S. Patent Number 6,686,328 B1 issued 02/03/04 to Christopher James Binder;
- U.S. Patent Number 6,710,019 B1 issued 03/23/04 to Christopher Alan Sawdon, et al;
- U.S. Publication Number 2001/0016562 A1 published 08/23/01 by David J. Muir, et al;
- U.S. Publication Number 2003/0060374 A1 published 03/27/03 by Claude E. Cooke, Jr.;
- U.S. Publication Number 2003/0114314 A1 published 06/19/03 by David A. Ballard, et al;
- U.S. Publication Number 2003/0130133 A1 published 07/10/03 by Daniel Patrick Vollmer;
- U.S. Publication Number 2003/0188766 A1 published 10/09/03 by Souvik Banerjee, et al;
- U.S. Publication Number 2003/0234103 A1 published 12/25/03 by Jesse Lee, et al;
- U.S. Publication Number 2004/0014607 A1 published 01/22/04 by A. Richard Sinclair, et al;
- U.S. Publication Number 2004/0040706 A1 published 03/04/04 by Mohammad Hossaini, et al;
- U.S. Publication Number 2004/0055747 A1 published 03/25/04 by Li-Jien Lee;
- U.S. Publication Number 2004/0106525 A1 published 06/03/04 by Dean Willberg, et al;
- U.S. Publication Number 2004/0138068 A1 published 07/15/04 by Brett Rimmer, et al;
- U.S. Publication Number 2004/0152601 A1 published 08/05/04 by John W. Still, et al;

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Int'l Publication Number WO 01/87797 A1 published 11/22/01 by Samuel Danican, et al; Int'l Publication Number WO 03/027431 A2 published 04/03/03 by Claude E. Cooke, Jr.; Int'l Publication Number WO 03/027431 A3 published 04/03/03 by Claude E. Cooke, Jr.; Int'l Publication Number WO 04/037946 A1 published 05/06/04 by Dean Willberg, et al; Int'l Publication Number WO 04/038176 A1 published 05/06/04 by John Still, et al; European Patent Number 0 510 762 A2 published 10/28/92 by Mark Philip Houghton, et al.

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Engineers by Lisa A. Cantu, et al;

Selectively Placing Many Fractures in Openhole Horizontal Wells Improves Production, SPE 50422, published 1998 Society of Petroleum Engineers by T. G. Love, et al; Evolving New Stimulation Process Proves Highly Effective in Level 1 Dual-Lateral Completion, SPE 78697, published 2002 Society of Petroleum Engineers by B. W. McDaniel, et al;

Aliphatic Polyesters: Synthesis, Properties and Applications published 2002, Advances in Polymer Science, Volume 157, Springer-Verlag by Ann-Christine Albertsson, et al; Controlled Ring-Opening Polymerization of Lactide and Glycolide published 2004

American Chemical Society, Chemical Reviews, A-Z, AA-AD, by Odile Dechy-Cabaret, et al;

Synthetic Polymer Fracturing Fluid for High-Temperature Applications, SPE 80236, published 2003 Society of Petroleum Engineers by Gary P. Funkhouser, et al; Chelating Agents, Encyclopedia of Chemical Technology, Volume 5, 764-795; A New Assay for the Enzymatic Degradation of Polylactic Acid, Short Report, published ScienceAsia 29 (2003): 297-300 by Virun Vichaibun, et al;

Patent Application Number 10/864,061 filed 06/09/04, Aqueous Tackifier and Methods of Controlling Particulates by Matt Blauch, et al;

Patent Application Number 10/864,618 filed 06/09/04, Aqueous-Based Tackifier Fluids and Methods of Use by Matt Blauch, et al.

#### **BROCHURES**

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Cobra Frac<sup>SM</sup> Service, Coiled Tubing Fracturing—Cost-Effective Method for Stimulating
Untapped Reserves HO2319R, published 2000 Halliburton Energy Services, Inc;
CobraJet Frac<sup>SM</sup> Service, Cost-effective Technology That Can Help Reduce Cost Per
BOE Produced, Shorten Cycle Time and Reduce Capex published Halliburton
Communications.

Copies of the aforementioned non-patent references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

Robert A. Kent

Registration No. 28,626

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580-251-3125

#### PTO-1449

Information Disclosure Citation in an **Application** 

Application No. Applicant(s) 10/634,705 Docket Number

2003-IP-010039U1

Philip D. Nguyen

Group Art Unit

Filing Date 08/05/2003

#### **U.S. PATENT DOCUMENTS**

DEC Q 2	anne ul	,	THIERT DOCUMENTS			
C TRADE	DOCUMENT	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
	2,238,671	04-15-41	Woodhouse	166	21	02-09-40
	2,703,316	03-01-55	Palmer	260	78.3	06-05-51
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# PTO-1449 Information Disclosure Citation in an Application Application No. 10/634,705 Philip D. Nguyen Docket Number 2003-IP-010039U1 Group Art Unit | Filing Date 08/05/2003

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